This problem gives you the chance to:

· Calculate using real data and proportion

T1

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English

4 0

1. What fraction of people in the world do not have food and shelter? Show your calculation.

How many people in the world do not have food and shelter? Show your calculation.

1,750,000,000

2. How many more people in the world speak Chinese than speak English? Show your working.

630,000<sub>0</sub>00

Show your working. 
$$70,000,000 \cdot 100 = 100$$
  $7,000,000,000 = 630,000,000$   $9.70,000,000 = 630,000,000$ 

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

4 People

300,000,000 over 7,000,000,000 equals about .0428. If you simplify that you get about 3/70. Then you simplify 100 by 70 and get 1.42.

1,42.3=4.24 round off to 4.

This problem gives you the chance to:

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- there would be 20 children
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- 17 people would speak only Chinese
- 8 would speak only English
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

How many people in the world do not have food and shelter? Show your calculation.

1750000000 0 7000 000 000 000 000

2. How many more people in the world speak Chinese than speak English? Show your working.

644606666

560000000 = 6440000000

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

00 000 000 - 700000000 = 84,04 X100=

This problem gives you the chance to:

· Calculate using real data and proportion

**T3** 

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

114

100/25=1/4

How many people in the world do not have food and shelter? Show your calculation.

1,75000000

7,000,000,000/4=1,750,000,000

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

3,000,000

300,000,000/100 = 3,000,000

This problem gives you the chance to:

· Calculate using real data and proportion

**T**4

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- · there would be 20 children 140000000 Children
- 17 people would speak only Chinese 11 2000 0000 people 8 would speak only English 5 600 00000
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

4

How many people in the world do not have food and shelter? Show your calculation.

175 0000000

63600000

2. How many more people in the world speak Chinese than speak English? Show your working.

1190000000

56 0000000

63000000

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

**≈23** 

700000000 ÷300000000 ≈23

This problem gives you the chance to:

· Calculate using real data and proportion

**T5** 

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

14 people

How many people in the world do not have food and shelter? Show your calculation.

1750000000

2. How many more people in the world speak Chinese than speak English? Show your working.

630000000 more people

1190000000 - 860,000,000

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

3000 0000

1 divided 3000,000,000 by 100.

This problem gives you the chance to:

· Calculate using real data and proportion

S<sub>1</sub>

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English

1. What fraction of people in the world do not have food and shelter? Show your calculation.

4

How many people in the world do not have food and shelter? Show your calculation.

1,75 000 0000

17,000,000,000

2. How many more people in the world speak Chinese than speak English? Show your working.

630,600,000

.043

 $\frac{17}{100} = .17$   $\frac{8}{100} = .08$   $./7 \times 7,000,000,000 = 1,190,000,000$   $08 \times 7,000,000,000 = 560000,000$   $\frac{9.190,000,000}{560,000,000} = 560000,000$   $\frac{560,000,000}{630,000,000}$ 

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

4 .. .

multiply that by 100 you get that 4

This problem gives you the chance to:

· Calculate using real data and proportion

**S2** 

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English

1. What fraction of people in the world do not have food and shelter? Show your calculation.

1.75 billion Zillion

100 x=175 X=1.75 billion

How many people in the world do not have food and shelter? Show your calculation.

0.25 billion

1.75/2= 25 billion

2. How many more people in the world speak Chinese than speak English? Show your working.

0.63billon

1/100 = 77 100 = 77 100 = 100 100 = 100 100 = 100 100 = 100

 $8/80 = \frac{x}{7}$  1.19 100 = 56 100 = 0.63 1.19 1

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

 $\approx$ 4.

3/7=1100

X=4.3

7=30

This problem gives you the chance to:

Calculate using real data and proportion

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

How many people in the world do not have food and shelter? Show your calculation.

7,000,000,000/4

2,250,000,000

2. How many more people in the world speak Chinese than speak English? Show your working.

1.1 ,4 40,000,000

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

Because If you speak english you could be from U.S.A.

This problem gives you the chance to:

· Calculate using real data and proportion

**S4** 

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

4

How many people in the world do not have food and shelter? Show your calculation.

1,750,000,000

$$\frac{1}{4}$$
 ~ 7,000,000,000 = 1,750,000,000

2. How many more people in the world speak Chinese than speak English? Show your working.

6<u>30,000,∞0</u>

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

30,000,000

Page 3

**S5** 

This problem gives you the chance to:

Calculate using real data and proportion

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

4 of them

100 - 25=4=4

How many people in the world do not have food and shelter? Show your calculation.

175000000

7,000,000,000+4=1,750,000,000

2. How many more people in the world speak Chinese than speak English? Show your working.

324264705.9

411764705.9 8750000000

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

23 people

7000000000 + 3000000000 = 23.3 = 23

This problem gives you the chance to:

· Calculate using real data and proportion

**S6** 

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

25%

25-100 × 100=25

How many people in the world do not have food and shelter? Show your calculation.

175000000

2. How many more people in the world speak Chinese than speak English? Show your working.

<u>9% > </u>0

17-8=9-100×100= 9/

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

4 people

Because 1 toke off all the zeros on threehundred million and got three their all but 17ero on seven billion and

inswer by 100 and apr 4.

**S7** 

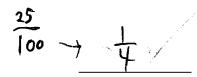
This problem gives you the chance to:

Calculate using real data and proportion

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English



1. What fraction of people in the world do not have food and shelter? Show your calculation.

How many people in the world do not have food and shelter? Show your calculation.

17,50g00p00

2. How many more people in the world speak Chinese than speak English? Show your working.

1340000000

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

4 people

people. Then I multiplied by 100.

This problem gives you the chance to:

· Calculate using real data and proportion

S8

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

100

25/100, 05 14

How many people in the world do not have food and shelter? Show your calculation.

1750000000

~ 000,000,000,7 x p/

2. How many more people in the world speak Chinese than speak English? Show your working.

9

<del>-8</del>

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

214×

There are like 7 continents so I would divide 100 by 7

This problem gives you the chance to:

Calculate using real data and proportion

There are approximately seven billion (7,000,000,000) people in the world.

1009000

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 7000,000,000
- 25 people would not have food and shelter 17 people would speak only Chinese
- 8 would speak only English

1,759000,000

175000000

1. What fraction of people in the world do not have food and shelter? Show your calculation.

How many people in the world do not have food and shelter? Show your calculation.

150,000,000

1,750,000,000

2. How many more people in the world speak Chinese than speak English? Show your working.

630,000,000

1,190,000,000 - 560,000,000 639000,000

100-20,000 7,000,000,000 Eng. 100 20,000 7,000,000,000

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

7,000,000,000



S10

This problem gives you the chance to:

· Calculate using real data and proportion

There are approximately seven billion (7,000,000,000) people in the world.

In the 1990s researchers calculated that if there were just 100 people in the world

- there would be 20 children
- 25 people would not have food and shelter
- 17 people would speak only Chinese
- 8 would speak only English
- 1. What fraction of people in the world do not have food and shelter? Show your calculation.

4

How many people in the world do not have food and shelter? Show your calculation.

25 170,000,000,000 7,000,000,000 1,750,000,000 (1.75 bill.)

2. How many more people in the world speak Chinese than speak English? Show your working.

(630,000,000 (630mill)

3. Approximately three hundred million (300,000,000) people live in the USA. In the world of 100 people, how many people would live in the USA? Explain how you know.

4

If there were 700 people, 30 would live in the U.S. 399 x 43.

I think it would mean 4 people live in the U.S. and 1

person has a summer home in the U.S.